

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2005/000392

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H01L 21/768, H01L 23/532, G02F 1/1362

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC⁷: H01L, G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Epodoc, WPI, PAJ, TXT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1041622 A1 (SEMICONDUCTOR ENERGY) 4 October 2000 (04.10.2000) <i>paragraphs 0013-0018; figure 1.</i>	1-30
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A	US 6524876 B1 (SAMSUNG) 25 February 2003 (25.02.2003) <i>figure 10 and the associated description.</i>	1-30
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A	US 20030058379 A1 (LEE) 27 March 2003 (27.03.2003) <i>paragraphs 0015-0026; figures 1A-1D.</i>	1-30

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
14 June 2005 (14.06.2005)

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Name and mailing address of the ISA/ AT
Austrian Patent Office
Dresdner Straße 87, A-1200 Vienna

Authorized officer
HARASEK S.

Facsimile No. +43 / 1 / 534 24 / 535

Telephone No. +43 / 1 / 534 24 / 574

INTERNATIONAL SEARCH REPORT

information on patent family members

International application No.

PCT/KR 2005/000392

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
EP	A1	1041622	2000-10-04	US	A1	2005098894	2005-05-12
				US	B1	6861670	2005-03-01
				JP	A	2000349301	2000-12-15
US	A	20030058 379		none			
US	B1	6524876	2003-02-25	US	A1	2003197177	2003-10-23
				US	A1	2003073267	2003-04-17
				KR	A	2001017527	2001-03-05
				KR	A	2001009269	2001-02-05
				KR	A	2000065687	2000-11-15